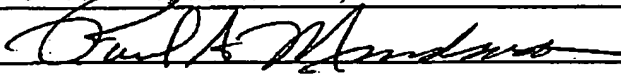



TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>		Application No.	09/942,812
		Filing Date	August 29, 2001
		First Named Inventor	Ken Shoemaker
		Art Unit	2183
		Examiner Name	Tonia L. Meonske
Total Number of Pages In This Submission	15	Attorney Docket Number	42390P10127

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Response <input checked="" type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> PTO/SB/08 <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Basic Filing Fee <input type="checkbox"/> Declaration/POA <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below): <div style="border: 1px solid black; height: 60px; width: 100%;"></div>
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Paul A. Mendonsa, Reg. No. 42,879 BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
Signature	
Date	March 28, 2005

CERTIFICATE OF MAILING/TRANSMISSION			
I hereby certify that this correspondence is being transmitted via facsimile on the date shown below to the United States Patent and Trademark Office.			
Typed or printed name	Rachael L. Brown		
Signature		Date	March 28, 2005

Based on PTO/SB/21 (04-04) as modified by Blakely, Sokoloff, Taylor & Zafman (wtr) 08/04/2004.
 SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

FEE TRANSMITTAL for FY 2005

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT (\$) 0.00

Complete if Known

Application Number 09/942,812
Filing Date August 29, 2001
First Named Inventor Ken Shoemaker
Examiner Name Tonia L. Meonske
Art Unit 2183
Attorney Docket No. 42390PI0127

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☒ None ☐ Other (please identify):
☐ Deposit Account Deposit Account Number: 02-2666 Deposit Account Name: Blakely, Sokoloff, Taylor & Zafman LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee
☒ Charge any additional fee(s) or underpayment of fee(s) ☐ Credit any overpayments
under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.

FEE CALCULATION

1. EXTRA CLAIM FEES

1. EXTRA CLAIM FEES

Total Claims	20	20*	0	X	50.00	=	\$0.00
Independent Claims	3	3*	0	X	200.00	=	\$0.00
Multiple Dependent						=	

Large Entity	Small Entity	
Fee Code	Fee Code	Fee Description
1202 50	2202 25	Claims in excess of 20
1201 200	2201 100	Independent claims in excess of 3
1203 380	2203 180	Multiple Dependent claim, if not paid
1204 300	2204 150	**Reissue independent claims over original patent
1205 300	2205 150	**Reissue claims in excess of 20 and over original patent
SUBTOTAL (1)		(\$) 0.00

*or number previously paid, if greater. For Reissues, see below

2. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee Code		
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
2053 130	2053 130	Non-English specification	
1251 120	2251 60	Extension for reply within first month	
1252 450	2252 225	Extension for reply within second month	
1253 1,020	2253 510	Extension for reply within third month	
1254 1,590	2254 795	Extension for reply within fourth month	
1255 2,160	2255 1,080	Extension for reply within fifth month	
1401 500	2401 250	Notice of Appeal	
1402 500	2402 250	Filing a brief in support of an appeal	
1403 1,000	2403 500	Request for oral hearing	
1451	2451	Petition to institute a public use proceeding	
1480 130	2480 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1808 180	1808 180	Submission of Information Disclosure Stmt	
1809 790	1809 395	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810 790	2810 395	For each additional invention to be examined (37 CFR § 1.129(b))	
Other fee (specify)	power of attorney by assignee of entire interest		
SUBTOTAL (2)			(\$)

SUBMITTED BY

Name (Print/Type) Paul A. Mendonsa

Registration No. 42,879
(Attorney/Agent)

Complete (if applicable)

Telephone (503) 439-8778

Signature

Date

03/28/05

Based on PTO/SB/17 (12-04) as modified by Blakely, Sokoloff, Taylor & Zafman (wtr) 12/15/2004.
SEND TO: Commissioner for Patents, P.O. Box 1460, Alexandria, VA 22313-1450

FEE TRANSMITTAL for FY 2005

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT (\$) 0.00

Complete If Known

Application Number 09/942,812
Filing Date August 29, 2001
First Named Inventor Ken Shoemaker
Examiner Name Tonia L. Meonske
Art Unit 2183
Attorney Docket No. 42390P10127

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☒ None ☐ Other (please identify):
☐ Deposit Account Deposit Account Number: 02-2666 Deposit Account Name: Blakely, Sokoloff, Taylor & Zafman LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee
☒ Charge any additional fee(s) or underpayment of fee(s) ☐ Credit any overpayments
under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.

FEE CALCULATION

1. EXTRA CLAIM FEES

1. EXTRA CLAIM FEES		Extra Claims	Fee from below	Fee Paid							
Total Claims	<table border="1"><tr><td>20</td></tr></table>	20	20^*	<table border="1"><tr><td>0</td></tr></table>	0	\times	<table border="1"><tr><td>50.00</td></tr></table>	50.00	$=$	<table border="1"><tr><td>\$0.00</td></tr></table>	\$0.00
20											
0											
50.00											
\$0.00											
Independent Claims	<table border="1"><tr><td>3</td></tr></table>	3	3^*	<table border="1"><tr><td>0</td></tr></table>	0	\times	<table border="1"><tr><td>200.00</td></tr></table>	200.00	$=$	<table border="1"><tr><td>\$0.00</td></tr></table>	\$0.00
3											
0											
200.00											
\$0.00											
Multiple Dependent						$=$					

Large Entity	Small Entity	Fee Description
Fee Code	Fee Code	
1202 50	2202 25	Claims in excess of 20
1201 200	2201 100	Independent claims in excess of 3
1203 360	2203 180	Multiple Dependent claim, if not paid
1204 300	2204 150	**Reissue independent claims over original patent
1205 300	2205 150	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (1)

(\$) 0.00

*or number previously paid, if greater, For Reissues, see below

2. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description
Fee Code	Fee Code	
1051 130	2051 85	Surcharge - late filing fee or oath
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet
2053 130	2053 130	Non-English specification
1251 120	2251 80	Extension for reply within first month
1252 450	2252 225	Extension for reply within second month
1253 1,020	2253 510	Extension for reply within third month
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1806 180	1806 180	Submission of Information Disclosure Stmt
1809 790	1809 395	Filing a submission after final rejection (37 CFR § 1.129(a))
1810 790	2810 385	For each additional invention to be examined (37 CFR § 1.129(b))

Other fee (specify)

power of attorney by assignee of entire interest

SUBTOTAL (2)

(\$)

Fee Paid

SUBMITTED BY

Name (Print/Type) Paul A. Mendonsa

Registration No. 42,879
(Attorney/Agent)

Telephone

(503) 439-8778

Signature

Date

03/28/05

Based on PTO/SB/17 (12-04) as modified by Blakely, Sokoloff, Taylor & Zafman (w/r) 12/15/2004.
SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

MAR 28 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of:

Ken SHOEMAKER

Serial No.: 09/942,812

Group Art Unit: 2183

Filed: August 29, 2001

Examiner: T. Meonske

FOR: APPARATUS AND METHOD FOR SWITCHING
THREADS IN MULTI-THREADING PROCESSORS**RESPONSE UNDER 37 C.F.R. § 1.116**Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed December 28, 2004, applicants provide the following remarks.

REMARKS

Claims 1-20 are pending in the application for reconsideration.

Claims 1-4 and 9-20 are rejected under 35 U.S.C. § 102(b) as being anticipated by the article Simultaneous Multithreading: A Platform for Next-Generation Processors (hereinafter Eggers). Claims 5-8 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Eggers. Applicants respectfully traverse these rejections for the following reasons.

Applicants object to the finality of the office action. The office action disingenuously maintains identical rejections (in order to make the action final) while

P10127